



KL2631 | 1-channel relay output terminal 400 V AC, 300 V DC

The KL2631 output terminal has a relay which has a single contact. The relay contact is connected to the power contacts, which are suitable for use at up to 400 V AC, and can be generally used for switching devices requiring mains power. The Bus Terminal indicates its signal state by means of a light emitting diode. In order to use the high voltage of up to 400 V AC, the KL2631 must be supplied via the KL9190 power feed terminal.

Technical data	KL2631 KS2631
Number of outputs	1 x make contacts for power contact
Rated load voltage	400 V AC/300 V DC
Switching capacity DC	300 V = 0.15 A; 24 V = 5 A; non-linear
Switching capacity AC	1,500 VA
Switching voltage minimum	power contact
Electrical isolation	500 V _{rms} (K-bus/field potential)
Current consumption K-bus	80 mA
Bit width in the process image	2 outputs
Operating cycles mech. (min.)	1 x 10 ⁷
Operating cycles electr. (min.)	1.3 x 10 ⁵ (2 A/250 V AC)
Configuration	no address or configuration setting
Weight	approx. 85 g
Operating/storage temperature	0...+55 °C/-25...+85 °C
Relative humidity	95 %, no condensation
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27/29
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 20/variable
Pluggable wiring	for all KSxxxx Bus Terminals